

a pin nose at the free pin end, said pin nose having an inclined nose section,

a box having box threads formed internally on an end of a second tubular body for engagement with said pin threads, said box threads extending from a starting point on said second tubular body and terminating adjacent the free box end,

an annular inclined shoulder formed internally of said box for engagement with said inclined nose section for preventing said inclined nose section from moving radially away from engagement with said shoulder.

an external seal between said pin and said box adjacent said pin thread starting point and proximate said free box end, said external seal comprising a pin seal surface formed externally of said pin,

an annular seal member carried in a groove within said free box end, and

an internal seal adjacent said box thread starting point and said free pin end whereby said pin threads and said box threads are confined between said external and internal seals when said pin and box are engaged.

2. A connector as defined in Claim 1 wherein said pin threads run out to an outside diameter of said first tubular body at said vanishing starting point of said threads.

3. A connector as defined in Claim 1 wherein stab flanks of said pin threads have a greater inclination relative to a central axis of said connector than load flanks of said pin threads.

New Claims to be Added Claims: 18-27:

18. (NEW) A connector for connecting together the free pin end and the free box end of two tubular bodies, comprising:

a non-upset pin having pin threads formed externally on an end of a first tubular body, said pin threads extending along an external tubular surface starting from a vanishing point on said first tubular body and terminating in the area of the free pin end, said pin threads further being formed on, and running out to, said vanishing point, said first tubular body having an outside diameter no greater than an outside diameter of a major portion of said first tubular body,

a box having box threads formed internally on an end of a second tubular body for engagement with said pin threads, said box threads extending along an internal tubular surface from a starting point on said second tubular body and terminating adjacent a box face at the free box end,

a pin nose at the free pin end, said pin nose having an inclined nose section,

an annular inclined shoulder formed internally of said box for engagement with said inclined nose section of said pin nose for preventing said inclined nose section from moving radially away from engagement with said shoulder,

an external seal comprising external seal components on said pin and box for forming an external seal between said pin and said box when said pin and box are threadedly engaged, said external seal including a pin seal component formed externally of said pin and a box seal component formed internally of said box, said box seal component comprising an annular seal member adapted to engage and seal with said pin seal component, and

an internal seal comprising internal seal components on said pin and box for forming an internal seal between said pin and said box when said pin and box are threadedly engaged, said internal seal and said external seal cooperating to isolate said pin threads and said box threads from

exposure to elements external to said pin threads and said box threads when said pin and box are threadedly engaged.

19. (NEW) A connector as defined in Claim 18, wherein said internal seal is formed by the engagement of said inclined pin nose section with said annular inclined shoulder formed internally of said box.

20. (NEW) A connector as defined in Claim 18, wherein said external seal comprises an annular, elastomeric seal member received within a groove formed in one of said external seal components.

21. (NEW) A connector as defined in Claim 18, wherein said external seal comprises an annular, elastomeric seal member received within an annular groove formed in said box seal component.

22. (NEW) A connector as defined in Claim 18, wherein said external seal comprises an annular, elastomeric seal member received within an annular groove formed in said pin seal component.

23. (NEW) A connector as defined in Claim 18 wherein said second tubular body comprises a coupling having first and second axial coupling ends with said box formed on said first axial coupling end and a second box, symmetrically similar to said first mentioned box, on said second axial coupling end.

24. (NEW) A connector as defined in Claim 19 wherein said second tubular body comprises a coupling having first and second axial coupling ends with said box formed on said first axial coupling end and a second box, symmetrically similar to said first mentioned box, on said second axial coupling end.

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25. (NEW) A connector as defined in Claim 20 wherein said second tubular body comprises a coupling having first and second axial coupling ends with said box formed on said first axial coupling end and a second box, symmetrically similar to said first mentioned box, on said second axial coupling end.

26. (NEW) A connector as defined in Claim 21 wherein said second tubular body comprises a coupling having first and second axial coupling ends with said box formed on said first axial coupling end and a second box, symmetrically similar to said first mentioned box, on said second axial coupling end.

27. (NEW) A connector as defined in Claim 22 wherein said second tubular body comprises a coupling having first and second axial coupling ends with said box formed on said first axial coupling end and a second box, symmetrically similar to said first mentioned box, on said second axial coupling end.

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